

INDICATOR OF SIZE, ETC., TO BE ATTACHED TO CLOTHES HANGER AND CLOTHES HANGER WITH INDICATOR OF SIZE, ETC.

BACKGROUND OF THE INVENTION

5 Field of the Invention

The present invention relates to an indicator of size, etc., to be attached to a clothes hanger and a clothes hanger attached with an indicator of size, etc.

Description of the Related Art

10 Generally, hangers for hanging clothes are purchased in a retail store in a clothes hanging condition, and are displayed for sale as they are or by sizes in this condition.

When the size of clothing is indicated, generally, a size indicator chip which is short in length and C-shaped, and
15 indicates a size number printed by a printing means (for example, Japanese Patent Application No. H06-308418) on the three circumferential points is attached to a hook part of a hanger.

However, in this size indicator chip whose C-shaped part is elastically deformed and directly fitted to the hook part
20 of a hanger, the chip is only held by its elastic force, so that this size indicator chip easily shifts and easily comes off the hook part of the hanger.

Furthermore, printing must be made on the circumferential surfaces of the small C-shaped size indicator chip by differing
25 the phase, so that the system for carrying this out becomes large in size, and in addition, since a margin for fixation is necessary around the print surfaces when printing, the printed

indication sections become small and difficult to see.

SUMMARY OF THE INVENTION

The present invention was made in view of the abovementioned problem, and an object thereof is to provide an indicator which can be securely attached without shifting and includes prints on its indication sections which are printed as large as possible so that they are easily viewable.

In order to achieve the abovementioned object, an indicator of size, etc., to be attached to a clothes hanger relating to the invention is an indicator of size., etc., to be attached to an attaching part which is formed on a clothes hanger and exposed to the outer surface when clothing, etc., is hung, comprising a flexible sheet part, fixing parts formed close to both ends to be fitted with the attaching part and indication sections indicating a size, etc., printed on a plurality of points which become outer surfaces when the attaching part is fitted with the fixing parts.

Furthermore, as one of the characteristics of an indicator of size, etc., to be attached to a clothes hanger relating to the invention, V-shaped or U-shaped grooves are made in the flexible sheet part to form valley folding hinges, and the sheet is folded inward at the valley folding hinges, whereby fixing parts close to both ends accurately face each other without deviation.

Furthermore, for a clothes hanger attached with an indicator of size, etc., relating to the invention, an attaching part is formed on the clothes hanger so as to be exposed to the

outer surface when clothing, etc., is hung, and the fixing parts formed close to both ends by folding an indicator including indication of size, etc., on surface portions of a sheet part are fitted with the attaching part, whereby the indicator is
5 attached to the attaching part of the clothes hanger.

As described above, in the invention, an attaching part is formed on a clothes hanger so as to be exposed to the outer surface when clothing, etc., is hung, and an indicator including indication of size, etc., on surface portions of a sheet part
10 is attached to the attaching part of the clothes hanger by fitting the fixing parts formed close to both ends by folding the indicator with the attaching part, so that the indicator can be more securely attached than with a conventional size indicator chip which is held by its elasticity, and the
15 indicator can be prevented from shifting and coming off.

Furthermore, printing on the indication sections can be carried out upon making the indicator of size, etc., flat, so that successive printing is possible onto surfaces which become different from each other when the indicator is attached.
20 Thereby, the conventional margin for fixation is not necessary on respective indication surfaces, so that the indication sections of size, etc., can be printed as large as possible so as to be easily viewable.

Moreover, in a construction in which V-shaped or U-shaped
25 grooves are cut in the flexible sheet part to form valley folding hinges, and the sheet is folded inward at valley folding hinges so that fixing parts close to both ends face each other, in

addition to the abovementioned effect, the fixing parts can be made to face each other and can be easily fitted by only folding inward the sheet at the valley folding hinges. Thereby, attachment can be accurately and easily carried out.

5 BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a perspective view of a main part of a hanger attached with an indicator of size, etc., of the invention;

Fig. 2 is a perspective view of the surface side of the indicator of size, etc., of the invention in a developed condition;

10 Fig. 3 is a perspective view of the back surface side of the indicator of size, etc., of the invention in a developed condition;

Fig. 4 is a cross sectional plan view of a condition where the indicator of size, etc., of the invention is attached to a
15 hanger;

Fig. 5 is a perspective view of a main part of a hanger showing a modified example of the indicator of size, etc., of the invention;

Fig. 6 is a perspective view of a main part of a hanger showing
20 another modified example of the indicator of size, etc., of the invention; and

Fig. 7 is a perspective view showing use procedures of another modified example of the indicator of size, etc., of the invention.

25 DESCRIPTION OF THE PREFERRED EMBODIMENTS

Hereinafter, a hanger with a size indicator relating to the invention is described with reference to the drawings.

Fig. 1 is a perspective view of a hanger attached with an indicator of size, etc., relating to the invention, wherein the reference number 1 denotes the entirety of a part of a hanger with an indicator of size, etc., to which an indicator 2 is
5 attached.

This hanger 1 with an indicator of size, etc., comprises a hanger main body 3 made of a synthetic resin, a hook 5 having an opening 4 directed sideward (leftward in the figure) at the center of the hanger main body 3, and an indicator 2 of a size,
10 etc., attached to the base end portion of the hook 5.

The abovementioned synthetic resin-made hanger main body 3 is made of a comparatively soft synthetic resin such as polyethylene or polypropylene, and is formed as an I-shaped section.

15 The hook 5 is formed so as to extend from the upper edge central portion of a projected portion 7 that is projected upward from the central upper portion of the hanger main body 3.

At an acute angle portion 8 between the hook 5 and the
20 projected portion 7 of the hanger main body 3, an attaching part 10 formed into a triangle plate having an attaching hole 9 is integrally formed, and an indicator 2 of a size, etc., described later, is attached to this attaching part 10.

The indicator 2 of a size, etc., is formed into a sheet
25 as shown in Fig. 2 and Fig. 3 from the same synthetic resin material such as polyethylene or polypropylene as the material of the hanger main body 3, and has triangular parts 2a and 2b

which fit the triangle plate-like attaching part 10 on the left and right, and a rectangular part 2c having a width matching the thickness T of the attaching part 10 at the central portion.

90° V-shaped cut grooves 11 are formed at the back surfaces of boundaries between the rectangular part 2c and the triangular parts 2a and 2b formed on the left and right, and thin folding portions 12 are formed there.

Furthermore, fixing parts 13 which fit each other are formed close to the ends of the triangular parts 2a and 2b formed on the left and right, and indication sections 14 including printing of size, etc., are formed on the respective parts of the triangular parts 2a and 2b and the rectangular part 2c which become outer surfaces when the fixing parts 13 are latched with each other.

In the fixing parts 13, a latch hole 15 is made in one of the fixing parts (triangular part 2a), and a latch piece 16 to be latched in the latch hole 15 is projectingly formed on the other one (triangular part 2b), and the front end of the latch piece 16 is made large in diameter to form a stopper part 16a (see Fig. 4). Furthermore, as shown in Fig. 4, this latch hole 15 is tapered at the entering side of the latch piece 16 to form a tapered surface 15a so that the latch piece easily fits and hardly slips.

The indication sections 14 are printed on the surfaces of the respective surfaces of the triangular parts 2a and 2b and the rectangular part 2c when the indicator 2 of a size, etc., is developed to be flat (plane).

When printing is thus carried out by developing the indicator 2 of a size, etc., printing can be successively carried out on wide areas of the respective surfaces, so that large prints can be easily made.

5 Procedures for attaching the indicator 2 of a size, etc., formed as mentioned above to the attaching part 10 of the hanger main body 3 are described next.

First, the latch piece 16 of the fixing part 13 is inserted through the attaching hole 9 of the attaching part 10.

10 Next, the V-shaped cut grooves 11 formed in the back surfaces of the boundaries between the rectangular part 2c and the triangular parts 2a and 2b are folded inward in order.

Then, the front end portion of the latch piece 16 and the latch hole 15 of the fixing parts 13 accurately face each other,
15 and therefore, by pressing and fitting the latch piece 16 into the latch hole 15, attachment of the indicator 2 of a size, etc., to the hanger main body 3 is completed.

The indicator 2 of a size, etc., that has been thus attached to the hanger main body 3 is prevented from shifting
20 and coming off the hanger main body 3 since the stopper part 16a at the front end of the latch piece 16 is latched in the latch hole 15 in a manner preventing slipping-off (see Fig. 4).

Moreover, V-shaped cut grooves 11 (total: two grooves) are formed at the back surfaces of the respective boundaries
25 between the rectangular part 2c and the triangular parts 2a and 2b in this example, however, the construction is not limited to this, and three or more grooves can be formed. In this case,

by changing the angle of the V-shaped cut groove 11 according to the number of grooves, the front end portion of the latch piece 16 and the latch hole 15 of the fixing parts 13 can be positioned so as to accurately face each other.

5 Furthermore, this cut grooves 11 is not limited to a V-shape, and as a matter of course it can be made U-shaped.

 Furthermore, the attaching part 10 of the hanger main body 3 is formed by the attaching hole 9 and the fixing parts 13 are formed by the latch piece 16 and the latch hole 15 in the
10 abovementioned embodiment, however, instead of this, it is also possible that the attaching part 10 of the hanger main body 3 is formed by projections 18 and 18 as shown in Fig. 5, and the fixing parts 13 are formed by latch holes 19 and 19 which are fitted with these projections 18 and 18.

15 Furthermore, as shown in Fig. 6 and Fig. 7, it is also possible that the indicator 2 of a size, etc., is shaped as a tape from the same synthetic resin material as mentioned above and this tape is bent and attached to the attaching part 10 of the hanger main body 3.